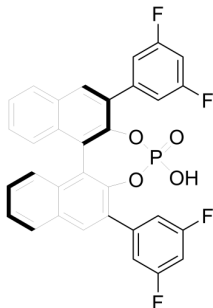


Certificate of Analysis

Compound Information

Product Name:	(11bR)-2,6-Bis(3,5-difluorophenyl)-4-hydroxydinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepine 4-oxide
Cat. No.:	1216038
CAS No.:	1191451-23-6
Molecular Formula:	C ₃₂ H ₁₇ F ₄ O ₄ P
Molecular Weight:	572.44
Chemical Structure:	

Batch Information

Batch No.:	Lg0210200984
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2023-02-10
Retest Date:	2026-02-09
Origin:	Shanghai, China

QC Summary

Appearance:	Off-white to light yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
Enantiomeric Excess:	99.98%
Purity (NMR):	≥97.0%
Loss on Drying:	0.017%
OR[α](C=1.00 g/100ml THF):	34.5°
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

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